

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0462255024

Status:

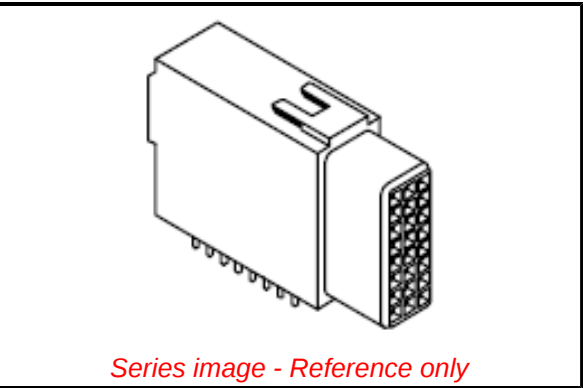
Active

Overview:

EXTreme PowerMass High-Current Connectors

Description:

EXTreme Power-Mass 2.50mm Pitch Right-Angle, EXTreme Power-Mass Receptacle Signal Module, 24 Circuits



Documents:	
3D Model	Packaging Specification PK-45841-500-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
3D Model (PDF)	

Agency Certification	
CSA	LR19980
General	
Product Family	PCB Receptacles
Series	46225
Application	Board-to-Board, Signal
Comments	150A Module Tin Tails
Overview	EXTreme PowerMass High-Current Connectors
Product Name	EXTreme PowerMass
UPC	800756931302
Physical	
Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	8
Orientation	Right Angle
PC Tail Length	1.60mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	4.50mm
Packaging Type	Tray
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	3.0A
Grounding to PCB	No

EU ELV	
Not Reviewed	
EU RoHS	China RoHS
Not Reviewed	
REACH SVHC	
Not Reviewed	
Halogen-Free	
Status	
Not Reviewed	
For more information, please visit Contact US	
China ROHS	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

Search Parts in this Series

46225 Series

Mates With

[755685024](#) EXTreme Power-Mass Signal Plug, [755685124](#) EXTreme Power-Mass Signal Plug, [7556-85224](#) EXTreme Power-Mass Signal Plug

Voltage - Maximum	50V
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-45841-500-001
Sales Drawing	SD-46225-100

This document was generated on 07/29/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

46225-5024